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INNOVATION CELL
(GOVERNMENT OF INDIA)**



**INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)**

***E-Session
on
National Innovation and Startup Policy (NISP)
for students and faculty in HEIs***

***03.00 PM – 04.00 PM
21st April, 2020***

By

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MHRD's Innovation Cell, AICTE, New Delhi**



Smart India Hackathon



Institutions' Innovation Council



**Atal Ranking of Institutions on
Innovation Achievements**

NISP

**National Innovation and Start-up
Policy 2019 for Students & Faculty**

Hackathon

International Hackathons

Initiatives of MHRD's Innovation Cell

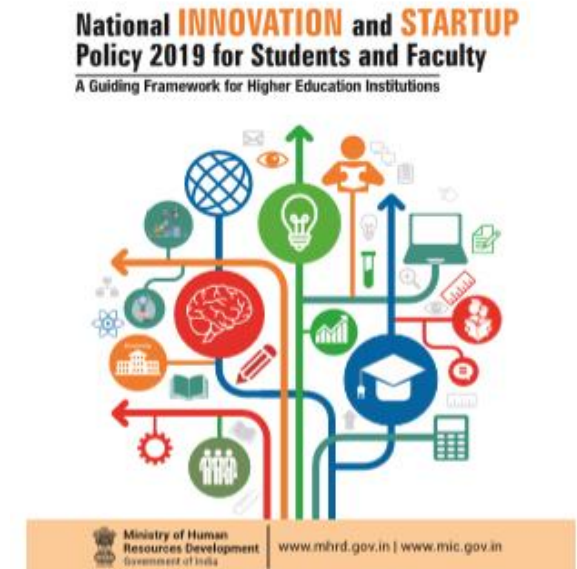


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National Innovation and Start-up Policy 2019 for Students & Faculty

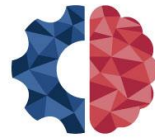


- NISP 2019 was launched by Hon'ble Minister of Human Resource Development on 11 September 2019.
- The policy intends to guide HEIs to promote students' and faculty driven innovations & startups.
- It will be instrumental in leveraging the potential of student's problem solving & entrepreneurial mind-set and promoting a strong intra and inter-institutional partnerships.





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Thrust Areas of NISP 2019

Strategies &
Governance for
promoting
Entrepreneurship

Incubation & pre-
Incubation support

IP Ownership and
Equity sharing
Mechanisms

Norms for Faculty &
Students driven
startups

Incentivizing faculty
& students for
entrepreneurship

Resource Mobilization
& Fund support for
Startups

Pedagogy & Learning
Interventions for
supporting
Innovations &
Startups



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Highlighting features of the policy

• Creation of 'Innovation fund' for supporting innovative projects and Start-ups by allocating minimum 1% of institution's total budget

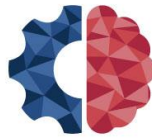
Academic break for a semester/ year to work on their startups
Credits for working on innovative prototype/ business models

• 2% - 9.5% Equity/ stake in startup/ company by Institute's incubator
• Complete Ownership of IPR by the inventors in case of non-usage of institute's facilities/ resources

• Services to be offered by institution in lieu of equity, fee based or zero payment model



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A. Strategies & Governance for promoting Entrepreneurship

- Major Dimension of HEIs Strategy and Should formulate University/HEI level Document in accordance with the NISP and State Startup Polly.
- Achieved through Mission Statements rather than Stringent Control System
- Entrepreneurial Agenda Should be the responsibility of a Senior Person at the level of Dean/Director/Equivalent Position with less hierarchy and autonomy.
- Intra and Inter institutional Relation to promote E&I agenda
- Resource Mobilization Plan Should be in Place
 - Own Resource: 1% fund of the total annual budget
 - Raising fund from Diverse Sources (State and Central Agencies)
 - Incubation Fund support under CSR, Section 135 of the Company Act 2013
 - Sponsorship, Donation from Alumni Network



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B. Incubation & pre-Incubation support Facilities

- Creation of Pre-Incubation and Incubation (SPV – Section 8 of Company Act)
- Promotion and intensification of Technology Commercialization efforts.
- Facility should be accessible to 24x7 to student, staff and faculty of all discipline and department across the institute.
- Provision and streamline relevant services and mentoring support through pre-incubation/incubation units in-return for fees, equity sharing (or) zero payment basis.



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C. Nurturing Innovations and Startups

- Allow faculty and staff to take off for a semester/year as sabbatical/unpaid leave/casual leave /earned leave for working on startup and come back.
- In return of services offered (Space, Infrastructure, mentorship, seed fund, accountant and legal and patent support) and use of facilities at institute/incubation unit may take 2-9.5% equity/stake in the startup/company incubated.
- In case of compulsory equity model, startup may be given a cooling period of 3 months to use the incubation services on rental basis to take final decision.
- Institute can provide services and facilities to outsider entrepreneurs too.
- No restriction on shares that staff and faculty can take as long as they don't spend more than 20% of office time on the startup in advisory or consultants role and don't compromise with their existing academic and administrative work or duties
- In case faculty/staff is drawing salary from institute, institute's stake/equity on startup should be limited to 20% of total share of faculty/staff or 9.5% of total stake whichever is minimum.
- Start a part time or full time MS/MBA/PGDM in Innovation , Entrepreneurship and Venture Development Course to be offered through Incubation Unit as per the AICTE guideline.



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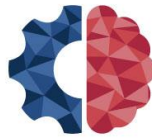
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C. Nurturing Innovations and Startups

- Establish Process/Clear Guideline and mechanism for easy creation and nurturing of startups/enterprises by students (UG, PG and PhD), faculty and Staff of HEI by setting up a committee and working committees on following:
 - Pre-incubation and Incubation Support: Attach with nearest Incubation Unit if not exist in campus
 - Allow Licensing of IPR from Institute to Startup incubated at Incubation Unit.
 - Allow students to setup Startup (Social and tech and non-tech) or working part-time for the startup while studying/working as intern
 - Allowing students to earn credit for working on Innovative prototypes/business Models.
 - Student Innovators/entrepreneurs may allowed to opt for startup in place mini project /major project, seminar and summer training etc.
 - Allow student entrepreneurs to take a semester break/year break to work o their startup
 - Allowing student entrepreneurs/innovators to sit for the examination. (institute need to set up minimum attendance and after reviewed by committee on case to case basis).
 - Allowing Student entrepreneurs to use the address of Hostel (or) pre0ncubation and (or) incubation unit to register their venture while studying at HEI.



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D. Product Ownership Rights for Technologies Developed at HEI

- If fund and (or) resource of HEI used substantially, then IPR should be made jointly by Institute and inventor and license together and revenue sharing among the parties.
- If any one of inventor want to start a startup based on the technology developed as above, then it can be licensed to inventor with royalty would be no more than 4% of sales price, preferably 1-2%, unless it is pure software product.
- If it is in form of shares, then it will again between 1-4%. In case software share divide is based on mutually decided between the institute/incubation unit and incubate company.
- On any dispute on IPR ownership and revenue sharing and licensing, then a five member committee setup at HEI will look into the matter and recommend.
- Interdisciplinary research and publication on startup and entrepreneurship should be promoted by HEIs.



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E. Organizational Capacity, Human Resources and Incentives

- Institute should recruit staff that have a strong innovation and entrepreneurial/industrial experience, behavior and attitude, this will help in fostering the I&E agenda and culture in HEI.
- Faculty and departments of the institute have to work in coherence and cross departmental linkage and maximum utilization of internal resources and knowledge.
- Faculty and staff should be encouraged to do courses/trainings/certificates on innovations, entrepreneurship and IPR.
- To retain talent, institute should develop academic and non-academic incentives and reward mechanism for all staff, faculty and stakeholders.
- A performance matrix should be developed and used for evaluation as part of annual performance and contribution of faculty/staff towards achieving I&E agenda should be part of matrix.



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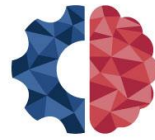
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F. Creating Innovation Pipeline and Pathways for Entrepreneurs

- HEI to ensure maximum student should participate and o through pre-incubation of Problem identification, Solution development, Proof of Concept validation and prototype development, business model and proposal development.
- HEI should link and collaborate their Incubation unit with external agencies and ecosystem enablers and provide network support to incubate startups.
- Connecting student entrepreneurs with incubate startups for internship, ,experience sharing and encouraging participation of students in innovation and business plan competitions and organize such competitions/hackathons on campus.
- All HEIs should join the Institution's Innovation Council (IIC) network and participate, participate in Smart India Hackathon (SIH) and participate in Atal Ranking of Institutions Innovation Achievement (ARIIA)



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G. Norms for Faculty Startup

- Allowing faculty to start Startup based on the technology developed in the lab at the institute or previously developed but have ownership on IPR, if technology based.
- Role of faculty while teaching may be as owner/founder/co-founder/Director-promoter/adviser/mentor/consultant but cant take role of employee as CEO or other managerial role in his/her startup and cant draw salary from startup and cant accept gifts from his own startup. He/she can take share eon profit and dividend only if any from startup as owner/shareholder.
- Faculty must clearly separate and distinguish on-going research at the institute from the work conducted at the startup/company
- In case selection for acceleration or incubation, he may take sabbatical leave or other leave up to one semester or year or more based on committee recommendation.
- Faculty must not involve research staff or other staff engaged in academic projects of institute in activities at the startup



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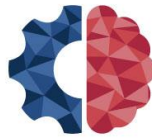
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G. Pedagogy and Learning Interventions for Entrepreneurship Development

- Adopted and produce desirable learning outcomes as part of curricular, co- curricular and extra curricular level.
- Create and publish tool kit on innovation and startup and IPR for open access to students and faculties.
- Student clubs/bodies on innovation and IPR and Startup must be established and engaged
- HEI should start recognizing and giving Innovation and Entrepreneurship awards to best achievers form campus annually. And confer gold medal kind of rewards during convocations ceremony.
- Teaching on tolerating and encouraging failures
- Creating awareness among students and teaching methods should include case studies of real business stories of failure and success, experiential learnings.
- Pedagogy changes nee to be done to ensure that maximum number of students projects and innovations are based around life challenges. It should be constantly reviewed and updated.



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H. Collaboration, Co-creation and Business Relationship and Knowledge exchange

- Institute should develop a policy or guideline document for forming and managing the relationships with external stakeholders including private industries.
- Knowledge exchange through coloration and partnership should be made a part of institutional policy.
- Mechanisms should be devised by the institute to ensure maximum exploitation of entrepreneurial opportunities with industrial and commercial collaborations.
- Knowledge development should be done by the institute through development of innovation knowledge platforms using ICT capabilities. Repository of ideas, PoCs, Innovations and Startups can be managed through the platform.



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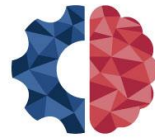
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I. Entrepreneurial Impact Assessment

- Performance Analysis of services and facilitates on regular basis
- Development of key performance indicators
- Focus on Input, process, output, outcome and impact level



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- Download the Copy of NISP & Share with Students, faculties, and Head of Institute for Adoption. https://mic.gov.in/assets/doc/startup_policy_2019.pdf
- Institutes can join the NISP Campaign launched by MHRD's Innovation Cell: https://mic.gov.in/startup_application.php
- Institutes can Implement NISP by Appointing a Sr. Faculty as In charge and Nominate Details at https://mic.gov.in/nominate_faculty_for_nisp.php
- e-Feedback & e-Assessment on National Innovation & Startup Policy (NISP) for Students and Faculties in HEIs <https://forms.gle/5nXBaZM7apihBgcdA>



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Thank you

Visit us at

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